

Converting Colors

CIELCh(70, 35.390, 319.635)

Have a look what the booklet for
CIELCh(70, 35.390, 319.635)
contains.

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Color

CIELCh(70, 35.661, 319.805)

Conversions

Conversions Part 1

Format	Color
Hex	C99BD5
RGB	201, 155, 213
RGB Percent	79%, 61%, 84%
CMY	0.2111, 0.3915, 0.1640
CMYK	0.06, 0.27, 0.00, 0.16
HSL	288°, 41%, 72%
HSV	288°, 27%, 84%
XYZ	47.9122, 40.7494, 68.4030
YIQ	175.3660, 8.7980, 27.7900

Conversions

Conversions Part 2

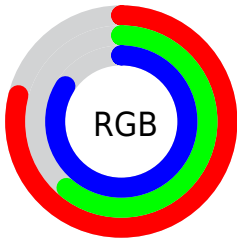
Format	Color
R_{YB}	201, 155, 213
Decimal	13212629
CIE _{Lab}	70.00, 27.24, -23.02
CIE _{LCh}	70, 35.661, 319.805
Yxy	40.7494, 0.3050, 0.2594
Android (android.graphics.Color)	4291402709 (0xFFC99BD5)
YUV	175.3660, 18.5536, 22.4810
Hunter-Lab	63.8353, 22.2633, -18.8478

Details

The CIELCh color `70, 35.661, 319.805` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `81, 35.199, 137.206`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 28.208, 325.407`, and `50, 35.700, 319.753` is the 20% darker color. If you saturate the color by 10%, you get `65, 48.801, 320.233`, and if you desaturate by 10%, it is `76, 22.433, 319.356`.

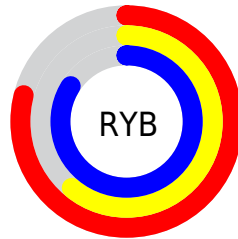
Distribution



Red (79%)

Green (61%)

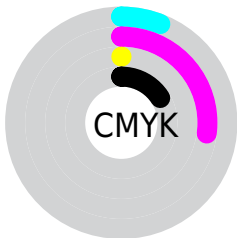
Blue (84%)



Red (79%)

Yellow (61%)

Blue (84%)

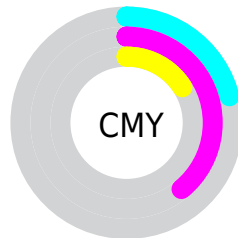


Cyan (6%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (21%)


Magenta (39%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 35.661, 319.805 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 35.661, 319.805 by changing the saturation by 10% instead.


 70, 35.661,
319.805


 70, 35.661,
319.805


 100, 35.661,
319.805


 60, 35.661,
319.805


 90, 35.661,
319.805

 50, 35.661,
319.805

 40, 35.661,
319.805

 30, 35.661,
319.805

 20, 35.661,
319.805

 10, 35.661,
319.805

 0, 35.661, 319.805

70, 35.661,
319.805

70, 35.661,
319.805

65, 48.801,
320.233

76, 22.433,
319.356

60, 61.559,
320.617

81, 9.321, 318.898

87, 3.553, 138.549

55, 73.511,
320.925

93, 16.118,
138.089

51, 84.111,
321.114

97, 24.260,
136.829

48, 92.744,
321.139

97, 23.522,
133.552

45, 98.866,
320.953


97, 22.865,
130.037

44, 102.287,
320.531

98, 22.299,
126.290

43, 103.011,

320.396

 98, 21.834,
122.330

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 35.661, 319.805



81, 35.199, 137.206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 35.661, 319.805



70, 35.661, 9.805



70, 35.661, 139.805



70, 35.661, 189.805

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 35.659, 319.805



95, 11.969, 318.939



69, 25.159, 283.193



50, 8.518, 319.009



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 35.659, 319.805



79, 50.069, 320.071



71, 30.964, 335.531



42, 7.380, 319.001



34, 87.310, 320.506



5, 31.458, 320.440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 23.503, 5.683



78, 33.373, 6.581



81, 30.688, 151.490



42, 4.714, 3.546



36, 68.332, 28.584



5, 22.066, 10.565

Previews

White Background



This preview shows how the CIELCh color 70, 35.661, 319.805 looks on a white background.

Color Contrast Check

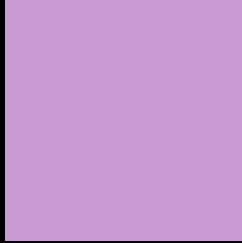
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 35.661, 319.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

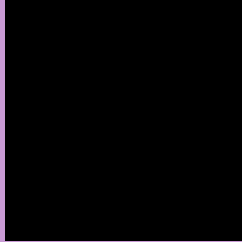
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 35.661, 319.805

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.661, 319.805.



This preview shows how white text looks on a background with the CIELCh color 70, 35.661, 319.805.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 35.661, 319.805

Protanomaly
70, 30.413, 298.755

Deuteranomaly
70, 27.629, 304.933

Tritanomaly
70, 21.217, 333.088

Monochromacy



Original Color
70, 35.661, 319.805

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 13.606, 318.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.661, 319.805 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(201, 155, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(201, 155, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.661, 319.805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 155, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(201, 155, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(201, 155, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.661, 319.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(201,  
155, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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